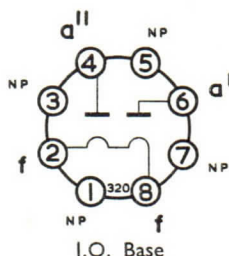


### FULL-WAVE RECTIFIER



|                  |       |   |   |
|------------------|-------|---|---|
| Filament Voltage | $V_f$ | 5 | V |
| Filament Current | $I_f$ | 3 | A |

### RATINGS

|                                    |                 |                    |    |
|------------------------------------|-----------------|--------------------|----|
| Maximum Peak Inverse Voltage       | P.I.V.(max)     | 1,550              | V  |
| Maximum Peak Current (each Anode)  | $i_{a(pk)max}$  | 675                | mA |
| Maximum Surge Current (each Anode) | $i_{a(sur)max}$ | 2.25               | A  |
| Maximum Anode Supply Voltage       | $V_{a(b)max}$   | See Rating Chart 1 |    |
| D.C. Output Current                | $I_{out(max)}$  | See Rating Chart 1 |    |

### CHARACTERISTICS AS A FULL-WAVE RECTIFIER

#### Capacitor Input

|  |                  |     |          |
|--|------------------|-----|----------|
| R.M.S. Input per Anode                       | $V_{in(r.m.s.)}$ | 450 | V        |
| Rectified Current                            | $I_{out}$        | 225 | mA       |
| D.C. Output Voltage                          | $V_{out}$        | 430 | V        |
| Minimum Anode Supply Resistance (each Anode) | $R_{lim.(min)}$  | 145 | $\Omega$ |
| Reservoir Capacitor                          | C                | 16  | $\mu F$  |

#### Choke Input

|                             |                  |     |    |
|-----------------------------|------------------|-----|----|
| R.M.S. Input per Anode      | $V_{in(r.m.s.)}$ | 550 | V  |
| Rectified Current           | $I_{out}$        | 225 | mA |
| D.C. Output Voltage         | $V_{out}$        | 460 | V  |
| Minimum Filter Input Choke* | L                | 2   | H  |

\* Limiting value at 220mA. For operating currents less than 220mA refer to curve.

